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(71) Applicant (for all designated States except US): KONIN-KLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

Toenewoudseweg 1, NL-3021 BA Emunoven (IVE).

(72) Inventor; and

(75) Inventor/Applicant (for US only): VAN DER VLEUTEN, Renatus, J. [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

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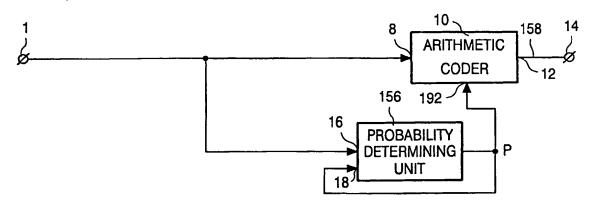
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(74) Agent: DEGUELLE, Wilhelmus, H., G.; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(54) Title: DATA COMPRESSION AND EXPANSION OF A DIGITAL INFORMATION SIGNAL



(57) Abstract: Disclosed is a data compression apparatus for data compressing a digital information signal. The data compression apparatus comprises input means (1) for receiving the digital information signal, probability signal determining means (156) for determining a probability signal from the digital information signal, entropy encoding means (10) for entropy encoding the digital information signal in response to said probability signal so as to obtain so as to obtain a data compressed digital information signal, and output means (14) for supplying the data compressed digital information signal, for transmission or recording on a record carrier. The probability signal determining means is adapted for determining a new value of said probability signal from the digital information signal and at least one previously determined value of said probability signal. The implementation of the disclosed apparatus is free of complex division operations.



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